PTO/SB/05 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY **PATENT APPLICATION TRANSMITTAL**

First Inventor Kou NAGATA

Attorney Docket No. | SON-2999

Title | SEMICONDUCTOR MEMORY APPARATUS AND SELF-REPAIR METHOD

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Expre					ress A	Aail	l ahel	No.	· · ·								
Expre						COS N	iali .	Lauci	, VU.								
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.						A	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450										
1. 2. 3.	x	(Submit and Applicar See 37 (Specifical Control Contro	noriginal, of claims CFR 1.2 ation If arranger riptive title is Reference ment Reg rence to se computer ground of Summary	ment set forth be- e of the invention ce to Related Ap- parding Fed spon- equence listing, program listing a the Invention of the Invention	(Total low) plications a table, appendix	sing) Pages	64]	7. 8.	<i>(</i> a.	Convuctorial Convuctoria Convuctoria Convuctoria Convuctoria Convuctor	mputide arcable. Comp ification	on S nen	r CD-R Program or Amin necess r Reada Sequen D-ROM ats verif	in duplic in (Apper o Acid S sary) able For ace Listir or CD-F ying ide	cate, ndix) Sequent m (Cong o R (2 Intity	large table or lence Submission CRF) n: copies); or ii. Paper of above copies	
	 Brief Description of the Drawings (if filed) Detailed Description 																
							Power of Attorney										
4.	Х	Drawing	(s) (35 L	J.S.C. 113)	[Total	Sheets	_101	11.	L	Eng	lish 1	ran	slation	Docum	ent ((if applicable)	
5. Oath or Declaration [Total Sheets 2] 12. X Information Disclosure							Copies of IDS										
l	a.	Nev	vly exect	uted (original o	or copy)	•		13.	Statement (IDS)/PTO-1449								
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)					14.	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)											
i. DELETION OF INVENTOR(S)					15.	15. X Certified Copy of Priority Document(s) (If foreign priority is claimed)											
Signed statement attached deleting inventor(s) named in the prior application,					16	Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).											
			see 37 C	FR 1.63(d)(2) a	nd 1.33(b).				Applicant must attach form PTO/SB/35 or its equivalent.								
6. Application Data Sheet. See 37 CFR 1.76					17.												
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification									first sentence of the specification								
following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:																	
Prior application information: Examiner Art Unit:																	
Fa	r COI	TINUAT	ION or E	DIVISIONAL A	PPS ont	y: The en	ire disclos	ure of	the p	rior ap	plicat	ion	, from v	which an	n oat	h or declaration is supplied	
ref	under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.																
	19. CORRESPONDENCE ADDRESS																
X Customer Number or Bar Code Label				23	23353					or X Correspondence address below							
Na	me			ER, FISHI ald P. Kan		GRAU	ER PLI	.C									
Address Suite 501																	
City		Washington			State			DC			7	Zip Code 20036					
Country		us /				Telephone			(202) 955-3750				Fax		(202) 955-3751		
Name (Print/Type) Ronald P. Kananen Registration No. (Attorney/Agent) 24,10					24,104												
Signature				Date April 20, 2004						pril 20, 2004							
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PTO/SB/17 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
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CEC TO A NOMITTAL	Complete if Known										
FEE TRANSMITTAL		Application Number Not Yet Assigned									
for FY 2003		Filing	Date		April 20, 2004						
Effective 01/01/2003, Patent fees are subject to annual revision.		First I	Name	d Inver	ntor Kou NAGATA						
Elitativo orrorizoos, ratora ross ara saajast to armaa roristori.		Exam	iner N	ame	Not Yet Assigned						
Applicant claims small entity status. See 37 CFR 1.27	l	Art Ur	it		N/A						
TOTAL AMOUNT OF PAYMENT (\$) 750.00		Attom	ey Do	cket No	o. SON-2999						
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)										
Check Credit Money Other None	3. ADDITIONAL FEES										
Card Corder C	J. ADDITIONAL FEED										
X Deposit Account	Large Entity Small Entity										
Deposit Account 18-0013	Fee	Fee	Fee	Fee	Fee Description						
Number Deposit	Code	(\$)	Code	(\$)	· Fee Paid						
Account Name Rader, Fishman & Grauer PLLC	1051	130	2051	65	Surcharge – late filing fee or oath						
The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.						
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification						
Charge any additional fee(s) during the pendency of this	1812	2,520	1812	2,520	- ·						
application	1804	920*	1804	920*	Requesting publication of SIR prior to						
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1 840*	Examiner action Requesting publication of SIR after						
FEE CALCULATION	1251	110	2251		Examiner action Extension for reply within first month						
1. BASIC FILING FEE	1251	410	2252	55 205	Extension for reply within second month						
Large Entity Small Entity	1253	930	2253		Extension for reply within third month						
Fee Fee Fee Fee Description Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month						
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee 750,00					_						
1001 750 2001 375 Utility filing fee 750.00 1002 330 2002 165 Design filing fee	1255 1401	1,970 320	2255 2401	985 160	Extension for reply within fifth month						
1003 520 2003 260 Plant filing fee	1402	320	2401	160	Notice of Appeal Filing a brief in support of an appeal						
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing						
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		· · · · · · · · · · · · · · · · · · ·						
	1452	110	2452	55	Petition to revive – unavoidable						
SUBTOTAL (1) (\$) 750.00	1453	1,300	2453	650	Petition to revive - unintentional						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)						
Extra Fee from	1502	470	2502	235	Design issue fee						
Total Claims 13 -20** = X = 0.00	1503	630	2503	315	Plant issue fee						
Independent 2 3** = 0.00	1460	130	1460	130	Petitions to the Commissioner						
Claims 2 3 2	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)						
		l									
Large Entity Small Entity Fee Fee Fee Fee	1806	180	1806	180	Submission of Information Disclosure Stmt						
Code (\$) Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)						
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))						
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be						
1204 84 2204 42 ** Reissue independent claims	1801	750	2801		examined (37CFR 1.129(b)) Request for Continued Examination (RCE)						
over original patent	1802	900	1802	900	Request for expedited examination						
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	l	of a design application Other fee (specify)									
SUBTOTAL (2) (\$) 0.00				ling Fee	Paid SUBTOTAL (3) (\$)						
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)										
SUBMITTED BY					Complete (if applicable)						
Name (Print/Type) Ronald P. Kananen		ation No y/Agent)	24	,104	Telephone (202) 955-3750						
Signature //	,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Date April 20, 2004						